

# Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 /

Rules and Regulations

Date of issue: 07/03/2016 Revision date: : Version: 1.0

ULM-7403-S

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixtures

Product name. : EPICHLOROHYDRIN UNLABELED 100 UG/ML IN ACETONITRILE

Product code : ULM-7403-S

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only.

# 1.2.2. Uses advised against

No additional information available

# 1.3. Details of the supplier of the safety data sheet

Cambridge Isotope Laboratories, Inc.

50 Frontage Road Andover, MA 01810

USA

USA: 1-800-322-1174 Int: 1-978-749-8000 <a href="mailto:cilsales@isotope.com">cilsales@isotope.com</a> www.isotope.com

# **Emergency telephone number**

Emergency numbers:

Chemtrec: 1-800-424-9300 (24 hours) International: 1-703-741-5970 (24 hours)

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

# Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2 H225
Acute Tox. 4 (Oral) H302
Acute Tox. 4 (Dermal) H312
Acute Tox. 4 (Inhalation:dust,mist) H332
Eye Irrit. 2 H319
Full text of H-phrases: see section 16

# Classification according to Directive 67/548/EEC or 1999/45/EC

F; R11 Xn; R20/21/22 Xi; R36

Full text of R-phrases: see section 16

# Classification (GHS-US)

Flam. Liq. 2 H225 Acute Tox. 4 (Oral) H302 Acute Tox. 4 (Dermal) H312 Acute Tox. 4 (Inhalation:dust,mist) H332 Eye Irrit. 2A H319

### Adverse physicochemical, human health and environmental effects

Lungs, Blood, Kidney, Liver, Central nervous system.

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#### **Label elements**

Signal word (CLP)

#### Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)





: Danger

Hazardous ingredients : ACETONITRILE UNLABELED

H225 - Highly flammable liquid and vapor Hazard statements (CLP)

H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled

H319 - Causes serious eye irritation

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Precautionary statements (CLP)

smoking

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical, lighting, ventilating equipment

P261 - Avoid breathing dust, fume, gas, mist, spray, vapors P264 - Wash Both hands thoroughly after handling P270 - Do no eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area

#### **GHS-US** labeling

Hazard pictograms (GHS-US)





Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H225 - Highly flammable liquid and vapor

H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled

H319 - Causes serious eve irritation

: P210 - Keep away from heat, open flames, hot surfaces, sparks. - No smoking Precautionary statements (GHS-US)

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical, lighting, ventilating equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge P261 - Avoid breathing dust, fume, gas, mist, spray, vapors P264 - Wash Both hands thoroughly after handling P270 - Do no eat, drink or smoke when using this product

P271 - Use only outdoors or in a well-ventilated area

P280 - Wear eye protection, face protection, protective clothing, protective gloves

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P302+P352 - IF ON SKIN: Wash with plenty of soap and water

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P312 - Call a POISON CENTER/doctor/physician if you feel unwell P321 - Specific treatment (see Hazard pictograms (CLP) on this label)

P330 - If swallowed, rinse mouth

P337+P313 - If eye irritation persists: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse

P370+P378 - In case of fire: Use Alcohol resistant foam., Carbon dioxide., Dry chemical., Water spray for extinction

P403+P235 - Store in a well-ventilated place. Keep cool

P501 - Dispose of contents/container to Comply with applicable regulations.

#### Other hazards

No additional information available

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SECTION 3: C	Composition/	information o	n ingredients
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### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
ACETONITRILE UNLABELED	(CAS No) 75-05-8 (EC no) 200-835-2 (EC index no) 608-001-00-3	99.987	F; R11 Xi; R36 Xn; R20/21/22
EPICHLOROHYDRIN UNLABELED	(CAS No) 106-89-8 (EC no) 203-439-8 (EC index no) 603-026-00-6	0.013	Carc.Cat.1; R45 C; R34 R10 T; R23/24/25 R52 Xi; R41

Nama	Product identifier	%	Classification asserding to
Name	Product identifier	70	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ACETONITRILE UNLABELED	(CAS No) 75-05-8 (EC no) 200-835-2 (EC index no) 608-001-00-3	99.987	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319
EPICHLOROHYDRIN UNLABELED	(CAS No) 106-89-8 (EC no) 203-439-8 (EC index no) 603-026-00-6	0.013	Flam. Liq. 3, H226 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 1B, H350

Name	Product identifier	%	Classification (GHS-US)
ACETONITRILE UNLABELED	(CAS No) 75-05-8	99.987	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2A, H319

Full text of R-, H- and EUH-phrases: see section 16

### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid measures after skin contact

: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.

Immediately call a POISON CENTER or doctor/physician. Specific measures (see Hazard pictograms (CLP) on this label). Wash with plenty of soap and water. Wash contaminated

clothing before reuse.

First-aid measures after eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

First-aid measures after ingestion : Rinse mouth. Call a POISON CENTER/doctor/physician if you feel unwell.

# 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled

Symptoms/injuries after skin contact : Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin.

Symptoms/injuries after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

# 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

# 5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapor.

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Explosion hazard : May form flammable/explosive vapor-air mixture.

# 5.3. Advice for firefighters

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

# **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures :

: Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

# 6.2. Environmental precautions

Avoid release to the environment.

# 6.3. Methods and material for containment and cleaning up

No additional information available

#### 6.4. Reference to other sections

No additional information available

# **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Additional hazards when processed

: Handle empty containers with care because residual vapors are flammable.

Precautions for safe handling

: No naked lights. No smoking. Use only non-sparking tools. Use only outdoors or in a well-

ventilated area. Avoid breathing dust, mist or spray.

Hygiene measures

: Do no eat, drink or smoke when using this product. Wash Both hands thoroughly after handling.

# 7.2. Conditions for safe storage, including any incompatibilities

Technical measures

: Proper grounding procedures to avoid static electricity should be followed. Ground/bond

container and receiving equipment. Use explosion-proof electrical equipment.

Storage conditions : Store refrigerated (-5 C to 5 C). Protect from light. Incompatible materials : Heat sources.

# 7.3. Specific end use(s)

No additional information available

# **SECTION 8: Exposure controls/personal protection**

EPICHLOROHYDRIN UNLABELED 100 UG/ML IN ACETONITRILE

# 8.1. Control parameters

Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	0.5000000000 ppm Upper Respiratory Tract irritation. Confirmed animal carcinogen.
ACETONITRILE UNLABELED	O (75-05-8)	
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	20.0000000000 ppm Lower Respiratory Tract irritation. Not classifiable as a human carcinogen.
USA NIOSH	NIOSH REL (TWA) (mg/m3)	34 mg/m³ Forms Cyanide in the body.
USA NIOSH	NIOSH REL (TWA) (ppm)	20 ppm Forms Cyanide in the body.
USA OSHA	OSHA PEL (TWA) (mg/m3)	70 mg/m³ The value in mg/m3 is approximate.
USA OSHA	OSHA PEL (TWA) (ppm)	40.0000000000 ppm The value in mg/m3 is approximate.

EPICHLOROHYDRIN UNLABELED (106-89-8)		
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	0.5000000000 ppm Upper Respiratory Tract irritation. Confirmed animal carcinogen.
USA OSHA	OSHA PEL (TWA) (mg/m3)	19.000000000 mg/m³ Skin designation.

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#### **Exposure controls**

Personal protective equipment : Gloves. Protective goggles. Protective clothing. Self-contained breathing apparatus.









Hand protection : Wear suitable protective clothing and gloves.

Eye protection : Wear safety glasses with side shields (or goggles) and a face shield.

Skin and body protection Wear suitable protective clothing.

Respiratory protection : Wear approved mask.

# **SECTION 9: Physical and chemical properties**

# Information on basic physical and chemical properties

The properties listed below are for the solvent, the main component of this mixture. Physical state : Liquid : Liquid, clear. Appearance Molecular mass : 41.05 g/mol Color : Colourless. Odor : ether-like.

Odor threshold : No data available рΗ : No data available : No data available Relative evaporation rate (butyl acetate=1) Melting point : -48 °C (-54°F) Freezing point : No data available : 81 - 82 °C (178 - 180 °F) **Boiling point** Flash point : 2.0 °C (35.6 °F) - closed cup

: 523 °C (973 °F) Self ignition temperature Decomposition temperature : No data available Flammability (solid, gas) : No data available

Vapor pressure : 73.18 hPa (54.89 mmHg) at 15°C (59 °F), 119.81 hPa (89.86 mmHg) at 25°C(77 °F)

Relative vapor density at 20 °C : 1.42 - (Air = 1.0) Relative density : No data available Density : 0.786 g/ml : Water: 100 % Solubility

Log Pow : -0.34

Log Kow : No data available : No data available Viscosity, kinematic Viscosity, dynamic : No data available Explosive properties : No data available Oxidizing properties : No data available Explosive limits : 4.4 - 16 vol %

#### Other information

No additional information available

# **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No additional information available

#### 10.2. **Chemical stability**

See storage and expiration date on CoA.

# Possibility of hazardous reactions

No additional information available

# **Conditions to avoid**

Open flame. Direct sunlight.

# Incompatible materials

No additional information available

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# **Hazardous decomposition products**

May release flammable gases.

# SECTION 11: Toxicological information

#### Information on toxicological effects

Acute toxicity : Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.

EPICHLOROHYDRIN UNLABELED 100 UG/ML IN ACETONITRILE	
ATE (oral)	500.000 mg/kg body weight
ATE (dermal)	1100.000 mg/kg body weight
ATE (dust, mist)	1.500 mg/l/4h

ACETONITRILE UNLABELED (75-05-8)	
LD50 oral rat	2460 mg/kg
LD50 dermal rabbit	2000 mg/kg
LC50 inhalation rat (mg/l)	≥ 26.8 mg/l
LC50 inhalation rat (ppm)	7551 ppm - 8h
ATE (oral)	500.000 mg/kg body weight
ATE (dermal)	2000.000 mg/kg body weight
ATE (gases)	4500.000 ppmV/4h
ATE (vapors)	11.000 mg/l/4h
ATE (dust, mist)	1.500 mg/l/4h

EPICHLOROHYDRIN UNLABELED (106-89-8)	
LD50 oral rat	90 mg/kg
LC50 inhalation rat (ppm)	250 ppm 8 h
ATE (oral)	90.000 mg/kg body weight
ATE (dermal)	300.000 mg/kg body weight
ATE (dust, mist)	0.500 mg/l/4h

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified Specific target organ toxicity (single exposure) : Not classified Specific target organ toxicity (repeated : Not classified exposure)

: Not classified Aspiration hazard

Potential Adverse human health effects and

symptoms

: Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.

Symptoms/injuries after inhalation

Danger of serious damage to health by prolonged exposure through inhalation. Harmful if

inhaled.

Symptoms/injuries after skin contact

Repeated exposure to this material can result in absorption through skin causing significant

health hazard. Harmful in contact with skin.

Swallowing a small quantity of this material will result in serious health hazard. Symptoms/injuries after ingestion

# **SECTION 12: Ecological information**

# **Toxicity**

ACETONITRILE UNLABELED (75-05-8)	
LC50 fish 1	1640.00 mg/l Pimephales promelas (fathead minnow) - 96h
EC50 Daphnia 1	3600 mg/l Daphnia magna (Water flea) - 48h
NOEC (chronic)	640 mg/l Daphnia magna (Water flea) - 14d

EPICHLOROHYDRIN UNLABELED (106-89-8)	
LC50 fish 1	10.6 mg/l Pimephales promelas (fathead minnow) - 96 h
EC50 Daphnia 1	21 mg/l Daphnia magna (Water flea) - 48 h

#### Persistence and degradability 12.2.

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ACETONITRILE UNLABELED (75-05-8)	
Persistence and degradability	Biodegradability Result: - Readily biodegradable.
EPICHLOROHYDRIN UNLABELED (106-89-8)	
Persistence and degradability	Not available.
12.3. Bioaccumulative potential	
EPICHLOROHYDRIN UNLABELED 100 UG/ML	. IN ACETONITRILE
Log Pow	-0.34
ACETONITRILE UNLABELED (75-05-8)	
Log Pow	-0.34
Bioaccumulative potential	No bioaccumulation is to be expected (log Pow <= 4).
EPICHLOROHYDRIN UNLABELED (106-89-8)	
Bioaccumulative potential	Not available.
40.4	

#### 12.4. Mobility in soil

ACETONITRILE UNLABELED (75-05-8)	CETONITRILE UNLABELED (75-05-8)	
Ecology - soil	Not expected to absorb on soil.	
EPICHLOROHYDRIN UNLABELED (106-89-8)		
Ecology - soil	Not available.	

# 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

# **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Regional legislation (waste)

Waste materials should be disposed of under conditions which meet Federal, State, and Local environmental control regulations.

# **SECTION 14: Transport information**

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

### 14.1. UN number

UN-No.(DOT) : 1648 DOT NA no. UN1648

# 14.2. UN proper shipping name

DOT Proper Shipping Name : Acetonitrile

Department of Transportation (DOT) Hazard

Classes

: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : II - Medium Danger

DOT Special Provisions (49 CFR 172.102)

: IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.

T7 - 4 178.274(d)(2) Normal............ 178.275(d)(3)

TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59

F) and 50 C (122 F), respectively.

DOT Packaging Exceptions (49 CFR 173.xxx) : 150 DOT Packaging Non Bulk (49 CFR 173.xxx) : 202

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DOT Packaging Bulk (49 CFR 173.xxx) : 242
Marine pollutant : No

### 14.3. Additional information

Other information : No supplementary information available.

# **Overland transport**

Packing group (ADR) : II

Class (ADR) : 3 - Flammable liquid

Hazard identification number (Kemler No.) : 33 Classification code (ADR) : F1

Danger labels (ADR) : 3 - Flammable liquids



Orange plates

33 1648

Tunnel restriction code : D/E
Limited quantities (ADR) 1L
EAC : •2YE
Excepted quantities (ADR) : E2

#### Transport by sea

DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this

section is exceeded.

DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"

MFAG-No : 127

# Air transport

DOT Quantity Limitations Passenger aircraft/rail : 5L

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 60 L

CFR 175.75)

Civil Aeronautics Law : Flammable liquids

### 14.4. Environmental hazards

Other information : No supplementary information available.

# 14.5. Special precautions for user

# 14.6. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

# **SECTION 15: Regulatory information**

# 15.1. US Federal regulations

EPICHLOROHYDRIN UNLABELED 100 UG/ML IN ACETONITRILE

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 311/312 Hazard Classes Fire hazard

Immediate (acute) health hazard Delayed (chronic) health hazard

# **ACETONITRILE UNLABELED (75-05-8)**

Listed on SARA Section 313 (Specific toxic chemical listings)

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ACETONITRILE UNLABELED (75-05-8)	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard

#### 15.2. International regulations

#### **CANADA**

# **EPICHLOROHYDRIN UNLABELED 100 UG/ML IN ACETONITRILE**

Listed on the Canadian DSL (Domestic Substances List) inventory.

# **ACETONITRILE UNLABELED (75-05-8)**

Listed on the Canadian DSL (Domestic Substances List) inventory.

# 15.2.1. National regulations

No additional information available

# 15.3. US State regulations

EPICHLOROHYDRIN UNLABELED 100 UG/ML IN ACETONITRILE()	
State or local regulations	U.S Massachusetts - Right To Know List U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

# **ACETONITRILE UNLABELED (75-05-8)**

- U.S. Massachusetts Right To Know List U.S. Pennsylvania RTK (Right to Know) List
- U.S. New Jersey Right to Know Hazardous Substance List

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

# **SECTION 16: Other information**

Other information

: This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.

### Full text of R-, H- and EUH-phrases::

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Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Carc. 1B	Carcinogenicity Category 1B
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Skin Corr. 1B	skin corrosion/irritation Category 1B
Skin Sens. 1	Skin sensitization Category 1
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage

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H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H350	May cause cancer
R10	Flammable
R11	Highly flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R34	Causes burns
R36	Irritating to eyes
R41	Risk of serious damage to eyes
R45	May cause cancer
R52	Harmful to aquatic organisms
С	Corrosive
F	Highly flammable
Т	Toxic
Xi	Irritant
Xn	Harmful

NFPA health hazard : 2 - Intense or continued exposure could cause temporary

incapacitation or possible residual injury unless prompt

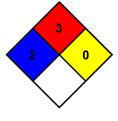
medical attention is given.

NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all

ambient conditions.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions,

and are not reactive with water.



# **HMIS III Rating**

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 3 Serious Hazard
Physical : 0 Minimal Hazard

# CIL Mixture SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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